

Babor K.

CH Synthesis of some derivatives of alkaloids. I. K. Babor, I. Ježo, and D. Rybár (Slovenská akad. vied, tech. ory. ústok, Bratislava, Czech.). Chem. Zvesti 8, 14-17 (1954).—A synthesis of ψ -cryptopalmatine from papaverine through tetrahydropapaverine, norcoralydine, norcoralydine-MeI, anhydrotetrahydromethyl- ψ -palmitine, and its oxide is described. II. K. Babor, L. Dúbravková, I. Ježo, and P. Šečovič. *Ibid.* 53-62.—A synthesis of 1-(6'-bromoveratryl)norhydrohydrastinine is described. By reaction of β -piperonylpropionylazide with 6-bromohomoveratric acid, *N*- β -piperonyl-ethyl-3,4-dimethoxy-6-bromophenylacetamide is formed, which with POCl₃ gives 1-(6'-bromoveratryl)-6,7-methylenedioxy-3,4-dihydroisoquinoline and finally by hydrogenation 1-(6'-bromoveratryl)norhydrohydrastinine is formed. 3,4-Dimethoxy-6-bromophenylacetaldehyde and homopiperonylamine give corresponding Schiff base, which, in diid. HCl, gives 1-(6'-bromoveratryl)norhydrohydrastinine. III. I. Ježo and A. Rybár. *Ibid.* 201-6.—Two methods for prepn. of tetrahydroberberine (I) are described. (1) By treatment of homoprotocatechuic acid dibenzyl ether with homopiperonylamine; *N*-(3,4-methylenedioxyphenethyl) - 3,4 - dibenzyl-oxyphe-nylacetamide is formed and dehydrated to 1-(3,4-dibenzyl-oxymethyl)-6,7-methylenedioxy-3,4-dihydroisoquinoline. This is catalytically hydrogenated to 1-(3,4-dihydroxybenzyl)-

norhydrohydrastinine and finally, after condensation with CH₃O and methylation, I is formed. (2) In the 2nd method the reaction with dibenzyl ether is omitted. IV. L. Dúbravková, I. Ježo, P. Šečovič, and Z. Votický. *Ibid.* 255-60.—The synthesis of ψ -corydaldine and *N*-homoveratryl-3-methylglutarimide from 3-methylglutaric acid, β -(3,4-dimethoxyphenyl)propionazide, and homoveratrylamine is described and the oxidation products of these compds. are identified. V. L. Dúbravková, I. Ježo, P. Šečovič and Z. Votický. *Ibid.* 576-9.—The synthesis of 1-methoxy-7,8-dihydroberberine-MeI (I), m. 287-8°, from narcotine through 1-(2-methyl-6,7-methylenedioxy-8-methoxy-1,2,3,4-tetrahydro)isoquinolyl(2-hydroxymethyl-3,4-dimethoxyphenyl)carbinol and its ditosyl deriv. is described.

Jan Micka

(6)

Jan

BABOR, K.

CZECH

✓ Synthesis of galegine. K. Babor and I. Ježo (Slovenská akad. vied. tech. org. látok, Bratislava, Czech.). *Chem. Zvesti* 8, 18-21(1954).—A synthesis of galegine from 4-methyl-2-pentenoic acid (I) is described. Doebner condensation of Me_2CHCHO with $\text{CH}_3\text{CO}_2\text{H}$ gives 73% I, b.p. 105-7°. Refluxing I in KOH-EtOH yields 87% 4-methyl-3-pentenoic acid (II), b.p. 100-2°. II with SOCl_2 forms 89% II acid chloride (III), b.p. 85-9° which with NaCN gives $\text{Me}_2\text{C:CHCH}_2\text{CON}$, which in abs. EtOH gives 71% $\text{Me}_2\text{C:CHCH}_2\text{NHCO}_2\text{Et}$ (IV), b.p. 97-100°, n_D^{20} 1.4460. Hydrolysis of IV with conc. HCl yields 48% $\text{Me}_2\text{C:CHCH}_2\text{NH}_2\text{HCl}$ (V), decomp. 193-4°; picrate, decomp. 139-40°. V is also prepd. in 42% yield by Curtius rearrangement of III. Condensation of V with $\text{EtSC(=NH)NH}_2\text{HBr}$ in dil. H_2SO_4 gives 60% $\text{Me}_2\text{C:CHCH}_2\text{NH(C(=NH)NH}_2\text{)H}$, H_2SO_4 decomp. 227°. Jan Micka

BAEOR, K., AND OTHERS

"Synthesis of some derivative alkaloids. II." Chemické Zvesti, Bratislava, Vol. 8, No. 2/3, Feb./Mar. 1954, p. 53.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, I.C.

COUNTRY : CZECHOSLOVAKIA
 CATEGORY : Organic Chemistry. Natural Substances and
 Their Synthetic Analogs
 ABS. JOUR. : RZKhim., No. 1 1960, No. 1362
 AUTHOR : Pabor, K.; Jozso, I.; Kalac, V.; Karvas, M.
 INST. : -
 TITLE : Synthesis of Some alkaloid Derivatives. XVI.

ENGL. PUB. : Chem. zvesti, 1959, 13, No 3, 163-169

ABSTRACT : The synthesis of 1-methylpyrrolisidine deriva-
 tives was carried out, during which the stage
 of ring closure was effected under conditions
 approximating physiological ones. The realiza-
 tion of the synthesis appeared to verify Schöpf's
 hypothesis (Schöpf, G., Angew. Chemie, 1949, 61,
 32) regarding the biogenesis of alkaloids from
 substances of the general formula $\text{CHO}(\text{CH}_2)_x\text{NH}_2$ -
 $(\text{CH}_2)_x\text{CHO}$; the correctness of this hypothesis

CARD:

1/6

G-45

COUNTRY :
CATEGORY :

REF. JOUR. : RZKhim., No. 1 1960, No. 1362

AUTHOR :
TEST. :
TITLE :

ABST. PUB. :

ABSTRACT : $pH > 5$, II does not cyclize, and at $pH < 5$, the
catalytic polymerization products of II are formed. The
initial $Cl(CH_2)_3COOH$, b.p. $52-54^\circ/12\text{ mm}$, was
synthesized by oxidation of $Cl(CH_2)_4OH$ with
 CrO_3 in CH_3COOH . The mixture of 0.05 mole of
Ia, 0.5 mole of Ib, 0.05 mole of II and 0.1
mole of potash in 150 ml of abs. alcohol is
boiled for 20 hours, diluted with water, and

CARD: 3/6

G-46

COUNTRY :
CATEGORY :

AUG. 1962. : RZKhim., No. 1 1960, No. 1362

AUTHOR :
IN T. :
TITLE :

CHTR. PUB. :

ABSTRACT : is kept standing for 10 days at -24° , alkalized
with a KOH solution and III is extracted with
ether, yielding 10-15%, b.p. $63-67^{\circ}/1.5$ mm.
 n_D^{25} 1.5113; hemichloroplatinate (IIIa), m.p.
 $156-158^{\circ}$ (from alcohol). 1 mmole of IIIa is
hydrated in a mixture of 10 ml of alcohol and
0.1 ml of conc. HCl, the solution is concentra-
ted by evaporation to dryness, mixed with 5 ml

CARD: 5/6

3-47

COUNTRY :
CATEGORY :

ABS. JOUR. : RZKhim., No. 1 1960, No. 1362

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : of water and IV is extracted with ether, n²⁴D
cont'd 1.4987; picrate, m.p. 190-193°. Report XIV.
see RZKhim., No 12, 1959, No 42535.-- D. Vlt-
kovskiy

CARD: 6/6

Z/032/60/010/07/013/030

AUTHORS: Obdržálek, J.. Engineer and ^{EQ73/E335}Babör, K.

TITLE: Use of Welded Rings¹⁶ for Components to be Manufactured by Cold Extrusion

PERIODICAL: Strojírenství, 1960, Vol 10, Nr 7, pp 522 - 526

ABSTRACT: The authors describe the advantages of using welded rings instead of seamless steel pipes or solid discs used in the manufacture of components by cold extrusion. They deal with the material to be used, the heat treatment and the structure of the material after heat treatment (see the microphotos, Figures 7-18, p 524). Figure 19 shows photographs of various components produced by extrusion from welded semis. Considerable savings in material and costs are claimed and it is stated that components manufactured by this method are at least as good as those produced by machining. There are 19 figures and 4 Czech references. ✓

ASSOCIATION: Šmeralovy zavody Brno (Šmeral Works, Brno)

Card 1/1

BABOR, KAROL

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Bratislava, Nasa Veda, Vol VIII, No 5, 1961, pages 277-280.

Data: "Medicinal Plants and Drugs."

Authors: BABOR, Karol, Engr, S.SC., Chemical Institute, SAV /Slovenska akademia ved; Slovak Academy of Sciences/ (Chemicky ustav SAV), Bratislava.
/ KALAC, Vladimir, Engr, C.SC., Chemical Institute, SAV.

670 981643

BABOR, Karol, inz., C.Sc.; JEZO, Ivan, dr., inz., C.Sc.; KALAC, Vladimir, inz., C.Sc.; KARVAS, Milan, inz.; TIHLARIK, Karol, inz.

Synthesis of certain alkaloid derivatives. Part 20. Chem zvesti 15 no.10: 721-724 0 '61.

1. Oddelenie chemie prirodnych latek Chemického ustavu Slovenskej akademie vied, Bratislava. Authors' address: Bratislava, Mlynske nivy 37, Chemicky ustav Slovenskej akademie vied.

SEFCOVIC, Pavel, dr., inz., C.Sc.; BABOR, Karol, inz., C.Sc.; KALAC, Vladimir,
inz., C.Sc.; DUBRAVKOVA, Libusa, inz., Sc.C.

Preparation of antiarrhythmic substances. Part 2. Chem zvesti 15 no.10:
725-729 0 '61.

1. Ceskoslovenska akademie ved, Oddelenie chemie prirodnych latok
Chemickeho ustavu Slovenskej akademie vied, Bratislava. Authors' address:
Bratislava, Mlynske nivy 37, Chemicky ustav Slovenskej akademie vied.

BABOR, Karol; KALAC, Vladimir; TIELARIK, Karol

Preparation and use of starch dialdehyde. Pt. 1. Listy
cukrovar 80 no.10:265-269 0 '64.

1. Institute of Chemistry, Slovak Academy of Sciences,
Bratislava.

BABOR, Karol, inz. C.Sc.; KALAC, Vladimir, inz., C.Sc.; FIALARIK, Karol,
inz., C.Sc.

Contribution to periodate oxidation of saccharides. Pt.1.
Chem zvesti 18 no.12:913-917 '64.

1. Division of Chemistry of Polysaccharides, Institute of
Chemistry, Slovak Academy of Sciences, Bratislava, Dabavaska
cesta.

BABOR, Karol; KALAC, Vladimir; TIHLARIK, Karol

Preparation and use of dialdehyde of starch. Pt.2. Listy
cukrovar 81 no.2:30-33 F '65.

1. Institute of Chemistry of the Slovak Academy of Sciences,
Bratislava. Submitted September 9, 1964.

L 1711-66 RM

ACCESSION NR: AF5024160

28B CZ/0034/64/000/012/0913/0927
AUTHOR: Babor, K. (Engineer, Candidate of sciences)(Bratislava); Kalac, V. (Kalach, V.)(Engineer, Candidate of sciences)(Bratislava); Tihlarik, K. (Tiglarik, K.) (Engineer, Candidate of sciences)(Bratislava)

TITLE: Contribution to the oxidation of saccharides by iodates. (I). Iodometric determination of small quantities of formic acid using amperometric indication

SOURCE: Chemická zvesti, no. 12, 1964, 913-917

TOPIC TAGS: formic acid, analytic chemistry, electrode, oxidation, iodate, polysaccharide

ABSTRACT: The authors describe a method that they developed for the determination of formic acid, using a couple of polarized platinum electrodes. The method is fast, accurate and suitable for investigations of structure of polysaccharides. Orig. art. has: 3 tables.

ASSOCIATION: Chemický ústav slovenskej akadémie vied, Oddelenie chémie polysacharidov, Bratislava (Department of Polysaccharides, Institute of Chemistry, Slovak Academy of Sciences)

Card 1/2

L 1711-66

ACCESSION NR: AP5824160

SUBMITTED: 25 May 64

ENCL: 00

SUB CODE: 00, 00

NR REF SOV: 000

OTHER: 025

JPRS

Card 2/2 *DP*

VILCEK, E.; BABOR, L.

Actinotherapy of keloids. Ceks. rentg. 15 no.6:391-395 '61.

1. Radiologická klinika Lek. fakulty univerzity Komenského v Bratislave,
prednosta doc. dr. Gejza Ondrejčka,
(KELOID therapy) (ULTRAVIOLET RAYS)

ONDREJICKA, Gejza, doc. MUDr; BABOR, Leopold, MUDr (Bratislava, Michiewi-
czova 13)

Carcinoma of the eyelids. Cesk.onkol. 2 no.2-3:253-268 1955.

1. Radiologicka kliniki Univerzity Komenskeho v Bratislave.
(EYELIDS, neoplasms)

BABOR, Vaclav

Stavime dobre a levne. (Building well and Cheap. 1st ed. illus., plans) Authors: Vaclav Babor, Frantisek Kratochvil. Prague, SZN, 1957. 49 p.

Examples of building activities on many collective farms, practical advice for designing farm buildings, selecting building materials, organization of work, etc.

Bibliograficky katalog, CSR, Ceske knihy, No. 35. 8 Oct 57. p. 747.

KRENOVA-PECLOVA, Drahomira; KRAL, J.; BABOROVSKA, Jana; KREN, V.

Split tolerance in rats. Folia biol. (Praha) 9 no.4:258-264
'63.

1. Department of Biology, Faculty of General Medicine, Charles
University, Prague.

(SKIN TRANSPLANTATION) (ANTIBODY FORMATION)
(ERYTHROCYTES) (ANTIGEN-ANTIBODY REACTIONS)

BABOROVSKY, V.

Moravek, O. Cementation of cutting tools. p. 103.
STROJIRENSKA VYROBA, Prague, Vol. 2, no. 3, Mar. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

BABOROVSKY, V., inz.

Effect of materials on the construction safety. Strojirenstvi 14
no.11:848-851, 857 N '64.

1. Zavody Rijnove revoluce, Brno.

ANUSKI, A.

Effect of swinging transmission lines on selective protection relays. p. 62.
ELEKTROPRIVREDA. (Zajednica jugoslovenska elektroprivreda) Beograd.
Vol. 10, no. 7/8, 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, no. 12, December 1956

BABORSKI, A.

"The reconstruction of the high-tension equipment of the Kraljevac Hydro-electric Plant."

p. 298 (Energija) Vol. 6, no. 9/10, Sept./Oct. 1957
Zagreb, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BABORSKY, A.

"Protection of high-voltage installations against the wrong distribution of switches."
p. 64. (Elektrotehnicar, Vol. 7, no. 4, 1953, Zagreb.)

East European Vol. 2, No.9.
SO: Monthly List of ~~Books~~ Accessions,/Library of Congress, September 1953, Uncl.

SARATEANU, D.; BILLER, Sigrid; PRAHOVEANU, Elena; BOTIS, S.; GHEORGHIU, V.;
BAICS, Aurelia.

Study of virus-host cell relations in vitro by determination of
some enzyme activities. Stud. cerest. inframicrobiol. 16 no.1:
17-25 '65.

CAJAL, N.; SARATEANU, D.; BABA, Constanta; BABOS, Aurelia; OPRESCU, Elena;
BOTIS, S.; GHEORGHIU, V.

Research on the relations between maternal serum antibodies and
receptivity in vitro of attenuated polioviruses by human embryo-
nal cells. Stud. cercet. inframicrobiol. 16 no.2:101-108 '65.

SARATEANU, D.; BABA, Constanta; OHEORGHIU, V.; BOTIS, S.; BABOS, Aurelia;
OPRESCU, Elena

Research on the levels of attenuated poliomyelitis viruses as a
function of the age of human embryonal cell cultures. Stud. cercet.
inframicrobiol. 16 no.2:109-117 '65.

Babos, Barnabas

NADASHI, M. [Nadasy, Miklos] dr. (Veszprem, Wartha Vince u.1-3); UYKHIDI, A. [Ujhidy, Aurel] dr. (Veszprem, Vegyipari Egyetem); BABOSH, B. [Babos, Barnabas] (Veszprem, Vegyipari Egyetem); KHORVAT, A. [Horvath, Albert] (Veszprem, Wartha Vince u. 1-3)

Investigation of the production and decomposition of tar-water emulsion from the point of view of manufacturing technology.
Acta chimica Hung 32 no.3:377-386 '62.

1. Nauchno-issledovatel'skiy institut osnovnoy khimicheskoy promyshlennosti, Veszprem i Veszpremskiy universitet, kafedra organicheskoy khimii.

BABORSKY, A.

"Protection of high-voltage installations against the faulty distribution of circuit breakers." p. 88. (Elektrotehnicar, Vol. 7, no. 5/6, 1953, Zagreb.)

East European Vol. 2, No. 9.
SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, September 1953, Uncl.

UJHIDY, Aurel; BABOS, Barnabas; FARADY, Laszlo

Investigations for the synthesis of dicyclohexylammoniumnitrite in a rotary film reactor. Magy kem lap 15 no.8:366-369 Ag '60.

1. Veszpremi Vegyipari Egyetem, Szerves Kemiai Tanszek.

FARADY, Laszlo; UJHIDY, Aurel; BABOS, Barna

Preparation of organic pigments in rotary film reactors.
Veszprem vegyip egy kozl 6 no.1:49-56 '62

1. Veszpremi Vegyipari Egyetem Szerves Kemia Tanszek.

FARADY, Laszlo; UJHIDY, Aurel; HEIL, Balint; BABOS, Barna

Photometric determination of dinitro derivatives of benzene
and toluene. Veszprem vegyip egy kozl 6 no.1:57-62 '62

1. Veszpremi Vegyipari Egyetem Szerves Kemia Tanszek.

BABOS, Barnabas; UJHIDY, Aurel; FARADY, Iaszlo

Application of rotary film reactor for continuous diazotization and coupling. Veszprem vegyip egy kozl 6 no.4:289-294 '62.

1. Veszpremi Vegyipari Egyetem Szerves Kemia Tanszek.

MULLER, Sandor; UJHIDY, Aurel; ~~BABOS, Barnabas~~

Application of turbulent liquid films in chemical
engineering. Veszprem vegyip egy kozl 6 no.4:295-300
'62.

1. Veszpremi Vegyipari Egyetem Szerves Kemia Tanszek.

BABOS, Barnabas

Examination of diazotization reaction in continuous rotary
film reactors. Veszprem vegyip egy kozl 6 no.4:307-312
'62.

1. Veszpremi Vegyipari Egyetem Szerves Kemia Tanszek.

UJHIDY, Antal; MARKO, Laszlo; BABOS, Barnabas; HSIL, Balint

2.3-4.5-diacetone-L-sorbose oxidation tests. Veszprem vegyip
egy kozl 8 no.1:48-56 '64.

1. Chair of Organic Chemistry of the Chemical Industry University,
Veszprem. Submitted January 14, 1964.

UJHIDY, Aurel; UNGVARY, Ferenc; BABOS, Barnabas

Dwelling period distribution analysis in film reactors; a preliminary communication. Veszprem vegyip egy kozl 8 no.1: 81-92 '64.

1. Chair of Organic Chemistry of the Chemical Industry University, Veszprem. Submitted March 14, 1964.

FARADY, Laszlo; MATOLCSY, Kalman; UJHIDY, Aurel; BABOS, Barnabas

Two-phase flow of gas-liquid in pipelines. Magy kem lap 19 no.9:
453-461 S '64.

1. Chair of Organic Chemistry of the Chemical Industry University,
Veszprem.

BÁBOS, I.

Basis for regional forestry in Hungary and its further development;
excerpts from a doctoral thesis, p. 285, Magyar Tudományos Akademia,
Agrartudományok Osztálya, KOZLEMENYEI, Budapest, Vol. 9, No. 1/3,
1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

HUNGARY / Forest Science. Forest Cultures.

K-4

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 77543

Author : Babos, Imre

Inst : ~~Not given~~

Title : Mixed Acacia Plantations on Sands

Orig Pub : Erdo, 1957, 6, No 10, 361-371

Abstract : In favorable forest vegetations conditions (in Hungary), the planting of false acacia with biogroups for its rival capacity is recommended. In other conditions, mixed cultivations by the common method are possible. Results are cited of the investigation of plantations of acacia shoots in the village of Alshocentivane, which in 32 years reached heights of 27-29 m with a stock of 400 m³/ha, and of mixed cultivations of false acacia and white poplar with a stock of 234 m³/ha, of acacia with hornbeam and oak with a stock of 470 m³, black pine, acacia and alder with a stock of

Card 1/2

BABOS, I.

Valuable locust trees on sandy lands. p. 211

AZ ERDO. Budapest, Hungary. Vol. 7, no. 6, June 1958.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

BABOS, I.

Opposition to locust trees. p. 295.

AZ ERDO. (Orszagos Erdeszeti Egyesulet) Budapest, Hungary, Vol. 8, No. 8, Aug. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959,
Uncl.

FABOS, I.

Cartography of sandy growth sites; an answer to Pal Magyar's criticism. p. 378.

AZ ERDO. (Orszagos Erdeszeti Egyesulet) Budapest, Hungary, Vol. 8, No. 10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.
Uncl.

BABOS, I.

"Forestry management in a group of sand areas." p. 121.

AZ ERDO. (Országos Erdészeti Egyesület). Budapest, Hungary, Vol. 11,
No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

BABOS, Imre, dr., a mezogazdasági tudományok (erdészet) doktora,
tudományos osztályvezető

Remark about Antal Polner's study entitled "Would it be worth
while? Erdo 12 no.3:105-106 M. 1963.

1. Erdészeti Tudományos Intézet, Budapest; "Az Erdo" szerkesztő
bizottsági tagja.

BABCS, Imre, dr., a mezogazdasági tudományok (erdészet) doktora, tudományos osztályvezető

Habitat mapping. Erdo 12 no.6:263-272 Je '63.

1. Erdészeti Tudományos Intézet, Budapest; "Az Erdo" szerkesztő bizottsági tagja.

BABOS, Imre, dr., a merogazdasagi tudomanyok (erdeszeti) doktora.

Experimental mapping of habitats on the Bugac Steppe.
Erdo 13 no.1:5-12 Ja'64.

1. Erdeszeti Tudomanyos Intezet tudomanyos osztalyvezetoje
Budapest; "Az Erdo" szerkeszto bizottsagi tagja.

CEBE, Zoltan, erdomernok; BABOS, Imre, dr., a mezogazdasagi tudomanyok
(erdaszet) doktora.

Remark on the question of selecting tree species. Erdo 13
no.4:185-186 Ap'64

1. Szombath: Allami Erdogazdasag, Orszantpeter (for Cebe).
2. Erdaszet: tudomanyos Intezet tudomanyos osztalyvezetoje,
Budapest; "Az Erdo" szerkeszto bizottsagi tagja (for Babos).

BABOS, Imre, dr., a mezogazdasagi tudomanyok (erdeszeti)doktora

Reply to Zoltan Borsos' answer. Erdo 13 no.7:332-333 J1 '64.

1. Editorial board member, "Az Erdo."

BABOS, Imre, dr., a mezogazdasagi tudomanyok (erdesztet) doktora;
JARO, Zoltan, dr., tudomanyos fommunkatars; KERESZTESI, Bela,
dr., a mezogazdasagi tudomanyok (erdesztet) doktora

Poplar growing on the "Jelen" game and forest farm. Erdo
13 no.11:495-505 N '64.

1. Scientific Division Head, Scientific Institute of Forestry,
Budapest (for Babos). 2. Scientific Institute of Forestry,
Budapest (for Jaro). 3. Director, Scientific Institute of
Forestry, Budapest (for Keresztesi).

BABOT, Imre, dr., a menegyezségi tudományok (erdészeti) doktora

The "T.234." is not always resistant. Erős 14 no. 1-133-139
Mr '65.

1. Editorial Board Member, "Az Erős."

BABOS, Istvan

Explanation of the relaxing effect of antispasmodics on the os
uteri. Orv. hetil. 99 no.4:129-130 26 Jan 58.

1. A Budapesti XXII keruleti Tancs Szulokorhazanak (foorvos: Babos
Istvan) kozlemenye.
(LABOR

Muscle relaxants in, evaluation of relaxing eff. on os
uteri)

(MUSCLE RELAXANTS

in labor, evaluation of relaxing eff. on os uteri (Hun))

BABOS, L. SANDOR, K.

Use of Hungarian-made antidiazosulfaconate-naphthol mixtures
(rapidazoles) under pressure. P. 111, MAGYAR TEXTILECHNIKA
Budapest, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

BABOS, Lorantne (Budapest, XIV, Vajdahunyad var)

The effect of the sub-Atlantic summer weather rich in precipitation
on fungus vegetation. Botan kozl 47 no.3/4:297-311 '58.

BABOR, L.; SIMKO, I.; VILCEK, E.

Contribution to actinotherapy of Wilms' tumor in children. Bratisl.
Lek. Listy 2 no.12:709-712 '61.

1. Z Radiologickej kliniky Lek. fakulty Univ. Komenskeho v Bratislave,
prednosta doc. MUDr. G. Ondrejicka.

(NEPHROBLASTOMA radiother)

BAROS, L; SZENTTALY, T.; KOVACS, J.

The measurement of wettability. p.478.

MAGYAR TEXTILTECHNIKA. (Textilipari Muszake es Tudomanyos Egresulet)
Budapest, Hungary. Vol. 11, no. 12, Dec. 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Uncl.

MOLNAR, Istvan; BABOS, Lorant; GUBICZA, Andras; LUKACSOVICS, Ferenc

Investigations of cocoons killed by radioactive rays.
Magy textil 4 no.5:196-199 My '62.

MOLNAR, Istvan, dr.; GUBICZA, Andras; BABOS, Lorant

Examination of the cocoons of the silkworms issuing from the eggs of Bombyx mori L. Irradiated with Co 60. Magy textil 16 no.10:449-451 0 '64.

1. Research Institute of Textile Industry, Budapest (for Molnar and Babos). 2. Biological Research Institute, Hungarian, Academy of Sciences (for Gubicza).

MOLNAR, Istvan, dr.; SZEGO, Eva; BABOS, Lorant

Nondestructive measurement of irregularities in glued fabrics.
Magy textil 17 no.3:109-110 Mr '65.

BABOS, M.

Agranulocytosis typus Schultz. Gyermekgyógyászat 4 no.9:282-283 Sept
1953. (CML 25:5)

1. Doctor. 2. Children's Department (Head Physician -- Dr. József
Inkacs), Istvan Metropolitan Hospital, Budapest.

BABOS, M.

Studies on Hungarian Lepiota species. Rare Lepiota species from the Hungarian central mountains. In English. p. 87.

Orszagos Magyar Termeszettudomanyi Muzeum. MAGYAR NEMZETO MUZEUM TERMESZETTUDOMANYI MUZEUM EVKONVYE. ANNALES HISTORICO-NATURALES MUSEI NATIONALIS HUNGARICI. Budapest, Hungary. Vol. 9, 1958

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl

BABOS, SANDOR.

SCIENCE

BABOS, SANDOR. *Eleskodo fonalfergek. Nematoda parasitica.* Budapest, Akademiai Kiado. (Jagyorország allatvilaga. Fauna Hungariae. Nemathe-
elminthes-Archipodiata. 3. kot., 4. fuzet) (Parasitic nematodes. 30 illus.)

Vol. 4. 1958. 74.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 5,
May 1959, Unclass.

BABOS, S.

(Budapest, XIV., Hungaria korut 21)

Revision of subgenus *Pholeoiodes* Schulze, 1942 (Acaroidae: Ixodidae). Acta zool hung 10 no.3/4:269-307 '64.

1. Parasitologische Abteilung des Veterinarmedizinischer Forschungsinstituts der Ungarischen Akademie der Wissenschaften (Direktor: J.Meszáros), Budapest.

BABOS, Zoltan

"Hydrological atlas of Hungary". Reviewed by Zoltan Babos.
Hidrologiai Kozlony 37 no.3:256 '57.

BABOS, Z.

BABOS, Z. - Canal lining and bank protection. p. 247, Vol. (37) no. 3/4, 1955
VIZUGYI KOZLEMENYESK. HYDRAULIC ENGINEERING. (Kozlekedesugyi
Miniszterium. Vizgazdalkodasi Tudomanyos Kutato Intezet)
Budapest.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April

BAROS, Z

BOKOR, Mihaly; BABOS, Zoltan

Standard quantity of water in the runoff control. Hidro-
logiai kozlony 35 no.4:262-266 Ag'56.

BABOS, Z.

TECHNOLOGY

VIZUGYI KOZLEMENYEK. HYDRAULIC ENGINEERING.

BABOS, Z. Water output of Szekszard-Sed. p. 334.

No. 3, 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3
March 1959, Unclass.

BABOS, Zoltan, BOKOR, Mihaly

Role of vegetation and animal life in the safety of flood
control. Vizugyi kozl no.2:166-177 '58.

BABOS, Zoltan

Flood discharge of the Sed river near Szakszard. Vizugyi kozl
no.3:334-339 '58.

BABOS, Zoltan

Hydrography of the river basin of Upper Szinva. Hidrologiai kozlony
40 no.4:257-267 Ag '60.

1. Melyepitesi Tervezo Vallalat, Budapest.

BABOS, Zoltan, okleveles mernok

Resistance of the grass cover of water beds. Vizugyi kozl
no.l:65-73 '61.

1. Melyepitesi Tervezo Vallalat Viziletessitmenyek Osztalyanak
szakosztalyvezetoje.

BABOS, Zoltan; BOKOR, Mihaly

Average discharge of inland waters in the vicinity of
Szeged. Vizugye kozl no. 3:212-233

BABOS, Zoltan

Hydrography of the upper watershed of the Pecs-viz. Hidrologiai
kozlony 45 no.3:97-110 Mr '65.

1. Civil Engineering Designing Enterprise of the Ministry of
Construction, Budapest.

BABOS, Zoltan

Technical assistance of the Soviet Union to the Hungarian food industry. Elelm ipar 13 no.3:76-77 Mr '59.

1. Miniszterhelyettes; Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet elnoke.

HOLLO, Janos, dr., egyetemi tanar; BABOS, Zoltan

Tasks of the Scientific Association for Agricultural and
Food Industries in supporting the collective farm movement.
Elelm ipar 13 no.5:141-142 My '59.

1. Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet
fotitkara (for Babos).
2. Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet
elnoke; Miniszterhelyettes.

BABOS, Zoltan

Fifteen years of our food industry. Elelm ipar 14 no.4:97-98
Ap '60.

1. Miniszterhelyettes, a Mezogazdasagi es Elelmiszeripari
Tudomanyos Egyesulet elnoke.

HOLLO, Janos, Dr., egyetemi tanar; BABOS, Zoltan

Tasks for the Scientific Association for Agricultural and Food Industries in assisting the collective farm movement. Elelm ipar 13 no.5:141-142 My '59.

1. A Mezogazdasagi- es Elelmiszeripari Tudomanyos Egyesulet fotitkara (for Hollo). 2. A Mezogazdasagi- es Elelmiszeripari Tudomanyos Egyesulet elnoke, miniszterhelyettes.

BABOS, Zoltan

Answers to the questions by technicians. Musz elet 15 no.10:5
My '60. (EEAI 9:8)
(Hungary--Food)

BABOS, Z.

"Technical assistance of the Soviet Union to the Hungarian food industry." p. 73

ELELMEZESPI IPAR. (Mezogazdasgi es Elelmiszeripari Tudomanyos Egyesulet)
Budapest, Hungary, Vol. 13, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

BABOS, Z.; HOLLO, J.

"Tasks of the Scientific Association of the Agricultural and Food Industry in supporting the collective-farm movement." p. 141.

ELELMEZESI IPAR. (Mezőgazdasági és Élelmiszeripari Tudományos Egyesület). Budapest, Hungary, Vol. 13, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

BABOS, Zoltan

Presidential opening address. Elelm ipar 18 no.8/9:225-226
Ag-S '64.

1. Deputy Minister, Budarest, and President, Scientific
Association of the Agricultural and Food Industry.

BABOS, Zoltan

Extreme precipitation and flood discharge in the Matra Mountains
in 1958. Hidrologiai kozlony 44 no.7:300-306 J1 '64.

1. Civil Engineering Designing Enterprise of the Ministry of
Building, Budapest.

BABOSHIN, A.M.

Remont zavodskogo oborudovaniia
(Repairing plant equipment). K.ev, Mashgiz, 1952.
408 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

BABOSHIN, A.V., otvetstvennyy za vypusk

[Economy of Odessa Province; statistical collection] Narodnoe khoziaistvo Odesakoi oblasti; statisticheskii sbornik. Odessa, Gosstatizdat, 1960. 332 p. (MIRA 14:8)

1. Odessa (Province) Oblastnoye statisticheskoye upravleniye.
(Odessa Province—Statistics)

BABOSHIN, B. inzh.-kapitan 3 ranga

Communications on ships. Voen. znan. 35 no.2:24-25 F '59.
(MIRA 12:6)

(Ships--Equipment and supplies)

SIDOROV, R.I.; BABOSHIN, B.K.; RUDAKOV, G.A.

Investigating the composition of hydrocarbon terpene mixtures
by the method of gas-liquid chromatography. Report No. 1:
Studying conditions of the partition of terpenes. Gidroliz.
i lesokhim. prom. 16 no.2:12-14 '63. (MIRA 16:6)

1. Institut nefte-i uglekhimicheskogo sinteza Sibirskogo
otdeleniya AN SSSR.

(Terpenes)

(Chromatographic analysis)

BABOSHIN, B.K.; SIDOROV, R.I.; RUDAKOV, G.A.; NIKOLAYEVA, Z.K.;
IVANOVA, L.S.

Investigating the composition of terpene carbohydrate mixtures
by the method of gas-liquid chromatography. *Gidroliz. i*
lesokhim. prom. 16 no.4:14-15 '63. (MIRA 16:7)

1. Institut nefte- i uglekhimicheskogo sinteza Sibirskogo
otdeleniya AN SSSR.

(Gas chromatography) (Terpenes—Analysis)

BABOSHIN, I.V.

~~Overflow sleeves in settling tanks.~~ Masloboyno Zhirovaya Prom. 18, No. 4,
27 '53. (MLRA 6:4)
(CA 47 no.16:8392 '53)

BABOSHIN, V.A.

Rocks of Mount Leipi (Kola Peninsula) in connection with the discussion of the term "trondhjemite." Inform.sbor.VSEGEI no.2:49-52 '55.
(MLRA 9:11)

(Kola Peninsula--Trondhjemites)

BABOSHIN, V.A.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 56 (USSR) 15-57-5-6103

AUTHOR: Baboshin, V. A.

TITLE: Some Antiperthite-like Intergrowths in Gneisses of the
White Sea Region (O nekotorykh antipertitovidnykh vrost-
kakh v gneysakh Belomor'ya)

PERIODICAL: Inform. sb. Vses. n.-i. geol. in-te, 1956, Nr 3,
pp 68-71.

ABSTRACT: The principal features of the studied antiperthite-like
intergrowths are given. 1) These intergrowths are dis-
tinguished from true antiperthites by the absence of a
systematic pattern of microcline and plagioclase inter-
growth. 2) Commonly the antiperthitic microcline is
oriented precisely the same as large individual micro-
cline crystals; as a rule, these latter have intensively
resorbed plagioclase. In places, plagioclase with
intergrowths of microcline occurs within crystals of
microcline. 3) Almost all the antiperthite is rimmed

Card 1/2

15-57-5-6103
Some Antiperthite-like Intergrowths in Gneisses (Cont.)

by albite. 4) Optically the antiperthitic microcline is indistinguishable from the microcline of the matrix, with optic angles within the small range of -60° to -62° . 5) In thin sections, the antiperthite is found more frequently in sections cut parallel to the foliation of the gneiss than in sections cut normal to this plane. These data indicate that some of the antiperthite-like intergrowth may have formed by replacement of plagioclase by microcline in specific sections of the rock. The formation of antiperthitic intergrowths of such features may also take place during recrystallization.
Card 2/2

S. P. B.

13/110051114, V. A.

15-1957-7-9281

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 73 (USSR)

AUTHOR: Baboshin, V. A.

TITLE: Field Criteria for Sillimanite-Bearing Gneisses in the
Bol'shaya Zapadnaya Litsa River Region (K polevoy diag-
nostike sillimanitsoderzhashchikh gneysov rayona r.
Bolshaya Zapadnaya Litsa)

PERIODICAL: Inform. sb. Vses. n.-i. geol. in-ta, 1956, Nr 4, pp 66-
69

ABSTRACT: Interbedded garnet-biotite and sillimanite-garnet-bio-
tite gneisses, locally occurring in small folds, are
abundant in the pegmatite-vein region of "Zapadnaya
Litsa" in the northwestern part of the Kol'skiy (Kola)
Peninsula. The sillimanite-garnet-biotite consists of
plagioclase (An₃₀₋₃₅) 35-45%, quartz 20-30%, biotite
10-30%, garnet 2-10%, sillimanite 3-10%, and occasion-
ally microcline; the accessories are magnetite and ti-
tanomagnetite. The texture is granoblastic or lepid-

Card 1/2

Field Criteria for Sillimanite-Bearing Gneisses in the Bol'shaya
Zapadnaya Litsa River Region (Cont.) 15-1957-7-9281

blastic, in places fibrogranoblastic. The garnet-biotite gneiss consists of plagioclase (An_{30-37}) 30-45%, quartz 30-35%, biotite 15-30%, garnet 3-15%, and an occasional grain of sillimanite; the accessories are allanite, magnetite, titanomagnetite, and rutile. The texture is granoblastic, and rarely lepidogranoblastic. In outcrop the sillimanite-garnet-biotite gneiss is characterized by coarse grain size, porphyroblastic texture, unequal grain size, and irregular weathering surface. The garnet-biotite gneiss is characterized by fine grain size and by a regular and rather smooth weathering surface.

Card 2/2

S. P. Bryzgalina

BABOSHIN, V.: NDOJAJ, GJ.

"Petrography of ultrabasic rocks of Northeastern Albania"

Buletin. Seria Shkencat Natyrore. Tirane, Albania. Vol. 11, no. 2, 1957

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 6, Jun 59, Unclass

BABOSHIN, V.A.

Relationship between ludwigite and magnetite ores in skarn deposits.
Trudy VSEGEI 60:127-132 '61. (MIRA 15:3)
(Ludwigite) (Magnetite)

BABOSHIN, V.A.

Tourmaline and axinite mineralization in Gornaya Shoriya.
Trudy VSEGEI 75:99-109 '62. (MIRA 15:9)
(Gornaya Shoriya—Tourmaline)
(Gornaya Shoriya—Axinite)

BABOCHIN, V.A.

Unlabeled deposits abroad. Truly KOTCH 1130103-729 162
(MYRA 1882)

BABOSHIN, V.A.

Quartz vein with a pegmatite margin from Dogibkyl (central Transbaikalia). Trudy VSEGEI 108:113-125 '64.

Zoning of skarn wollastonite deposits. Ibid.:164-176

(MIRA 18:2)